

# JVC®

# I'Art<sup>TM</sup><sub>PRO</sub>

## Color Television Users Guide

**For Models:**  
**AV-36DF74**  
**AV-32DF74**



*Illustration of AV-32DF74 and RM-C1201G*

### **Important Note:**

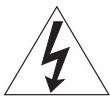
In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

**Model Number:** \_\_\_\_\_

LCT1404-001A-A  
0503-TN-II-IM

**Serial Number:** \_\_\_\_\_

# Important Safety Precautions



## CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



**CAUTION:** To reduce the risk of electric shock. Do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS TV SET TO RAIN OR MOISTURE.

**CAUTION:** TO INSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1. Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid Improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5. In the event of trouble, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

- \* When you don't use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.
- \* To prevent electric shock do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

## IMPORTANT RECYCLING INFORMATION

This product utilizes both a Cathode Ray Tube (CRT) and other components that contain lead. Disposal of these materials may be regulated in your community due to environmental considerations. For disposal or recycling information, please contact your local authorities, or the Electronic Industries Alliance: <http://www.eiae.org>



- As an "ENERGY STAR®" partner, JVC has determined that this product or product model meets the "ENERGY STAR®" guidelines for energy efficiency.

## Important Safeguards

### CAUTION:

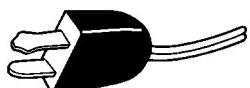
#### Please read and retain for your safety.

Electrical energy can perform many useful functions. This TV set has been engineered and manufactured to assure your personal safety. But **improper use can result in potential electrical shock or fire hazards**. In order not to defeat the safeguards incorporated in this TV set, observe the following basic rules for its installation, use and servicing. Also follow all warnings and instructions marked on your TV set.

### INSTALLATION

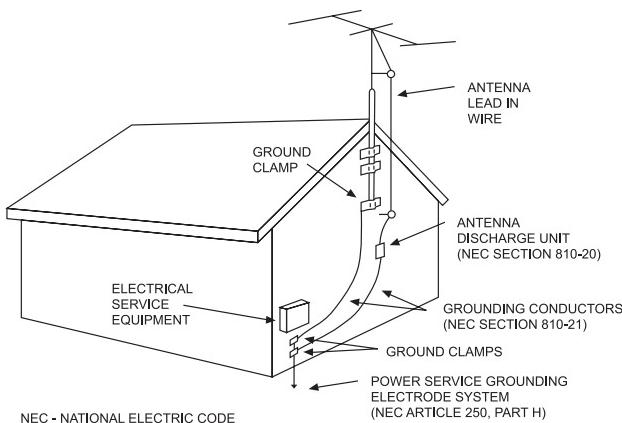
- Your TV set is equipped with a polarized AC line plug (one blade of the plug is wider than the other). This safety feature allows the plug to fit into the power outlet only one way. Should you be unable to insert the plug fully into the outlet, try reversing the plug. Should it still fail to fit, contact your electrician.
- Operate the TV set only from a power source as indicated on the TV set or refer to the operating instructions for this information. If you are not sure of the type of power supply to your home, consult your TV set dealer or local power company. For battery operation, refer to the operating instructions.
- Overloaded AC outlets and extension cords are dangerous, and so are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.
- Do not allow anything to rest on or roll over the power cord, and do not place the TV set where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.
- Do not use this TV set near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near swimming pool, etc.
- If an outside antenna is connected to the TV set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection requirements for the grounding electrode.

(POLARIZED-TYPE)



- 7 An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

### EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE



- 8 TV sets are provided with ventilation openings in the cabinet to allow heat generated during operation to be released.

**Therefore:**

- Never block the bottom ventilation slots of a portable TV set by placing it on a bed, sofa, rug, etc.
- Never place a TV set in a “built-in” enclosure unless proper ventilation is provided.
- Never cover the openings with a cloth or other material.
- Never place the TV set near or over a radiator or heat register.

- 9 To avoid personal injury:

- Do not place a TV set on a sloping shelf unless properly secured.
- Use only a cart or stand recommended by the TV set manufacturer.
- Do not try to roll a cart with small casters across thresholds or deep pile carpets.
- Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.

### Use

- 10 Caution children about dropping or pushing objects into the TV set through cabinet openings. Some internal parts carry hazardous voltages and contact can result in a fire or electrical shock.
- 11 Unplug the TV set from the wall outlet before cleaning. Do not use liquid or an aerosol cleaner.
- 12 Never add accessories to a TV set that has not been designed for this purpose. Such additions may result in a hazard.



**PORTABLE CART WARNING**  
**(Symbol provided by RETAC)**

- 13 For added protection of the TV set during a lightning storm or when the TV set is to be left unattended for an extended period of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to product due to lightning storms or power line surges.
- 14 A TV set and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV set and cart combination to overturn.

## Service

- 15 Unplug this TV set from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - A. When the power cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the TV set.
  - C. If the TV set has been exposed to rain or water.
  - D. If the TV set does not operate normally by following the operating instructions. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV set to normal operation.
  - E. If the TV set has been dropped or damaged in any way.
  - F. When the TV set exhibits a distinct change in performance — this indicates a need for service.
- 16 Do not attempt to service this TV set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 17 When replacement parts are required, have the service technician verify in writing that the replacement parts he uses have the same safety characteristics as the original parts. Use of manufacturer's specified replacement parts can prevent fire, shock, or other hazards.
- 18 Upon completion of any service or repairs to this TV set, please ask the service technician to perform the safety check described in the manufacturer's service literature.
- 19 When a TV set reaches the end of its useful life, improper disposal could result in a picture tube implosion. Ask a qualified service technician to dispose of the TV set.
- 20 Note to CATV system installer.  
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

# Table of Contents

<b>Quick Setup . . . . .</b>	<b>7</b>
Unpacking your TV . . . . .	7
TV Models . . . . .	8
TV Remote Control . . . . .	9
Getting Started . . . . .	10
The Remote Control . . . . .	10
Connecting Your Devices . . . . .	11
Interactive Plug In Menu . . . . .	19
<b>Remote Programming . . . . .</b>	<b>22</b>
Setting CATV, VCR and DVD Codes . . . . .	22
CATV or Satellite Codes . . . . .	22
VCR Codes . . . . .	23
DVD Codes . . . . .	24
Search Codes . . . . .	25
<b>Onscreen Menus . . . . .</b>	<b>26</b>
Using the Guide . . . . .	26
Onscreen Menu System . . . . .	27
<b>Initial Setup . . . . .</b>	<b>29</b>
Auto Tuner Setup . . . . .	29
Channel Summary . . . . .	29
V-Chip . . . . .	30
Set Lock Code . . . . .	36
Auto Demo . . . . .	36
Language . . . . .	37
Closed Caption . . . . .	37
Auto Shut Off . . . . .	38
XDS ID . . . . .	38
Tilt Correction . . . . .	38
Purity . . . . .	39
Noise Muting . . . . .	39
Front Panel Lock . . . . .	39
V1 Smart Input . . . . .	40
TV Speaker . . . . .	40
Audio Out . . . . .	40
Center CH Input . . . . .	41
Digital-In . . . . .	41
<b>Picture Adjust . . . . .</b>	<b>42</b>
Picture Settings . . . . .	42
Adjust Picture Settings . . . . .	42
Color Temperature . . . . .	42
Digital Noise Clear . . . . .	43
VSM . . . . .	43
Reset . . . . .	43

<b>Sound Adjust . . . . .</b>	<b>44</b>
Sound Settings . . . . .	44
Adjust Sound Settings . . . . .	44
MTS (Multi-channel Sound) . . . . .	44
Reset . . . . .	44
<b>Clock Timers . . . . .</b>	<b>45</b>
Set Clock . . . . .	45
On/Off Timer . . . . .	46
<b>Button Functions . . . . .</b>	<b>47</b>
Multi Screen Function . . . . .	47
PIP/Move . . . . .	47
Index . . . . .	48
Freeze . . . . .	48
Swap . . . . .	48
Select . . . . .	48
EZ-Surf . . . . .	48
Power . . . . .	49
Number Buttons . . . . .	49
100+ Button . . . . .	49
Channel +/- . . . . .	49
Volume +/- . . . . .	49
Input . . . . .	49
Digital-In . . . . .	49
Light . . . . .	49
Return +/-TV . . . . .	50
Sound . . . . .	50
Muting . . . . .	50
Video Status . . . . .	51
Natural Cinema . . . . .	51
TheaterPro D6500K . . . . .	51
Sleep Timer . . . . .	52
Display . . . . .	52
Aspect . . . . .	53
Aspect Ratios . . . . .	53
C.C. . . . .	54
Menu . . . . .	54
OK . . . . .	54
Back . . . . .	54
TV/CATV Slide Switch . . . . .	55
VCR/DVD Slide Switch . . . . .	55
VCR Buttons . . . . .	55
DVD Buttons . . . . .	55
<b>Appendices . . . . .</b>	<b>56</b>
Troubleshooting . . . . .	56
Warranty . . . . .	57
Authorized Service Centers . . . . .	59
Specifications . . . . .	60

## Quick Setup

## Unpacking your TV

Thank you for your purchase of a JVC Color Television. Before you begin setting up your new television, please check to make sure you have all of the following items. In addition to this guide, your television box should include:

1 Television



1 Remote Control



Two AA  
Batteries



**Note:** Your television and/or remote control may differ from the examples illustrated here.

Once you have unpacked your television, the next step is to connect it to your antenna/cable or satellite system and to connect the audio/video devices you want to use with your television. To make these connections you will use plugs like the ones illustrated below.

### Coaxial Cables



Used to connect an external antenna or cable TV system to your TV.

### S-Video Cable



Used to make video connections with S-Video VCRs, Camcorders and DVD players.

### Component Cables Composite Cables Audio Cables



Used to connect audio/video devices like VCRs, DVD players, stereo amplifiers, game consoles, etc.

### AV CompuLink Cable



Used to connect JVC AV CompuLink capable components for an automated home theater.

We recommend that before you start using your new television, you read your entire User's Guide so you can learn about your new television's many great features. If you're anxious to start using your television right away, a quick setup guide follows on the next few pages.

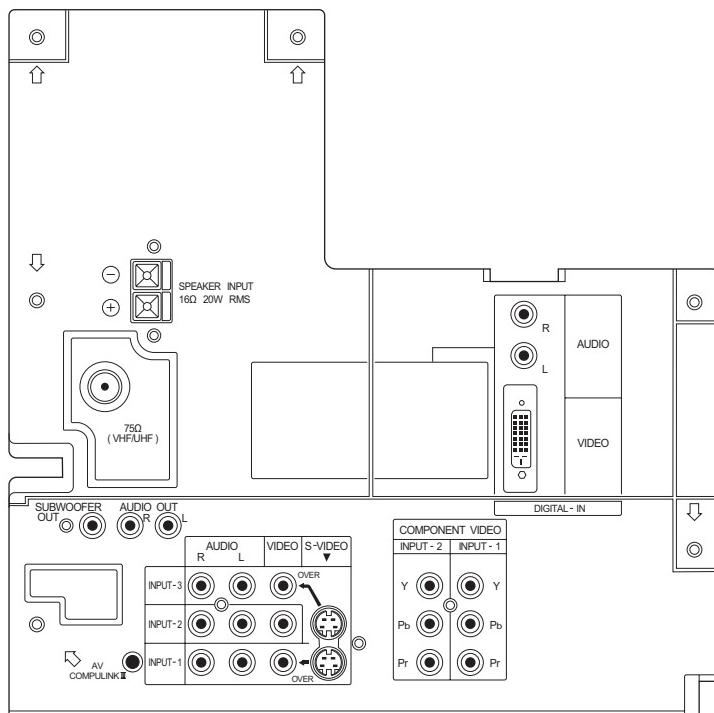
# Quick Setup

# TV Models

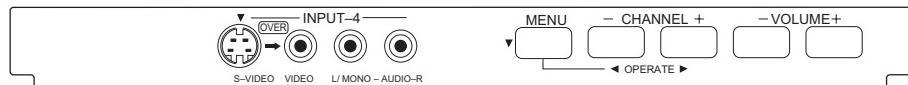
**NOTE:** Before you connect your television to another device, please refer to the proper diagrams for your specific TV and remote. These will help assist you in understanding how to connect your television to another device, as well as use the remote to set up your television.

## Rear Panel Diagram

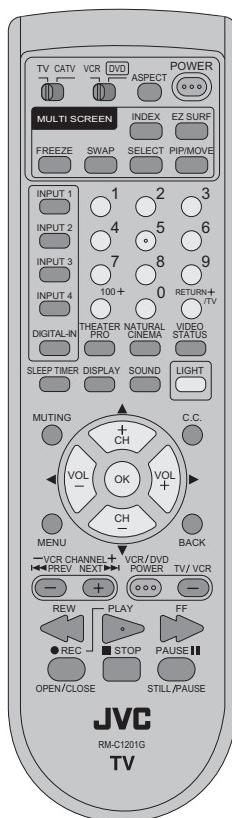
**MODELS:**  
**AV-36DF74**  
**AV-32DF74**



## Front Panel Diagram



**MODELS: AV-36DF74, AV-32DF74**



**RM-C1201G**

**MODELS:**  
**AV-36DF74**  
**AV-32DF74**

- For information on remote control buttons, see pages 47 - 55.

## Getting Started

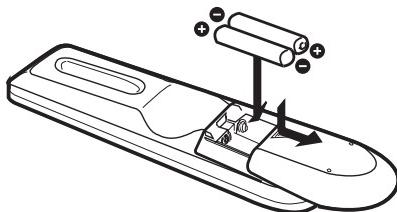
These quick setup pages will provide you, in three easy steps, with the basic information you need to begin using your new television right away.

If you have questions, or for more detailed information on any of these steps, please consult other sections of this manual.

## Step 1 – The Remote Control

Before you can operate your remote control, you first need to install the batteries (included).

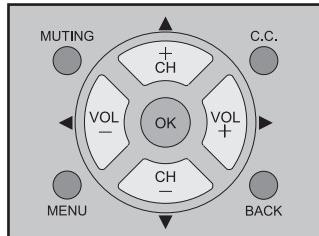
Slide the cover on the back of the remote down towards the bottom of the remote control. Insert two batteries (included) carefully noting the “+” and “-” markings, placing the “-” end in the unit first. Slide the cover back into place.



**When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your VCR, DVD, and/or cable box/satellite receiver may have to be reset. See pages 22 - 25.**

## Key Feature Buttons

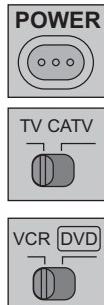
The four key feature buttons at the center of the remote can be used for basic operation of the television. The top and bottom buttons will scan forward and back through the available channels. To move rapidly through the channels using JVC's **Hyperscan** feature, press and hold CH+ or CH-. The channels will zip by at a rate of five channels per second. The right and left buttons will turn the volume up or down. These buttons are also marked with four arrows and are used with JVC's onscreen menu system. To use the onscreen menus, press the MENU button.



## Basic Operation

Turn the television on and off by pressing the Power button at the top right corner of the remote. If this is the first time you are turning on the TV, the interactive plug-in menu appears.

- Make sure the TV/CATV switch is set to TV. Move the switch to CATV only if you need to operate a cable box.
- Slide the VCR/DVD selector switch to VCR to control a VCR. Slide to DVD to control a DVD player. Please see pages 22 to 25 for instructions on programming your remote control to operate a cable box, VCR or DVD player.

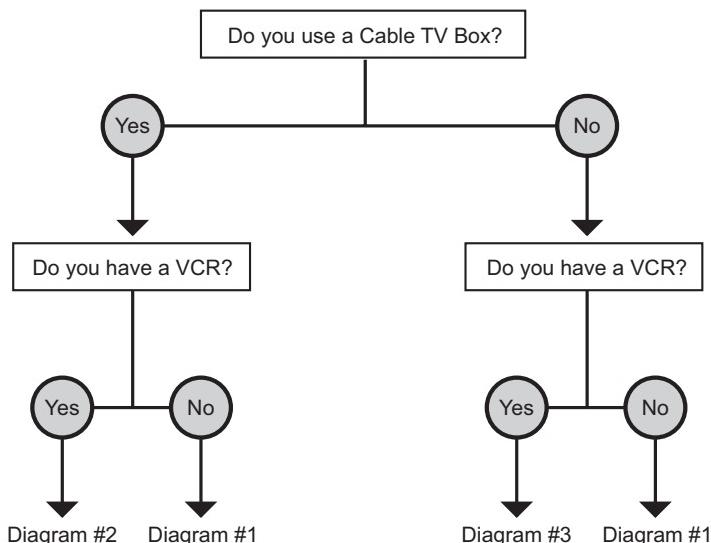


## Step 2 – Connecting Your Devices

Please follow the flow chart below to determine which connection setup is right for you. Then, refer to the appropriate diagrams to connect your television to other devices that you may have. After you are finished connecting your devices, plug the power cord into the nearest power outlet and turn on the TV.

A VCR is not necessary for operation of the television. If you follow these diagrams and the television does not work properly, contact your local cable operator.

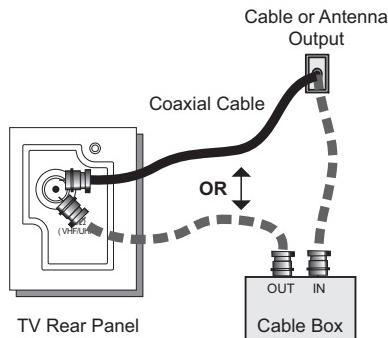
- To connect a DVD player, see **Diagram #3**. A DVD player is optional.
- If you have a satellite television system, please refer to the satellite TV manual.



## Quick Setup

## Connections

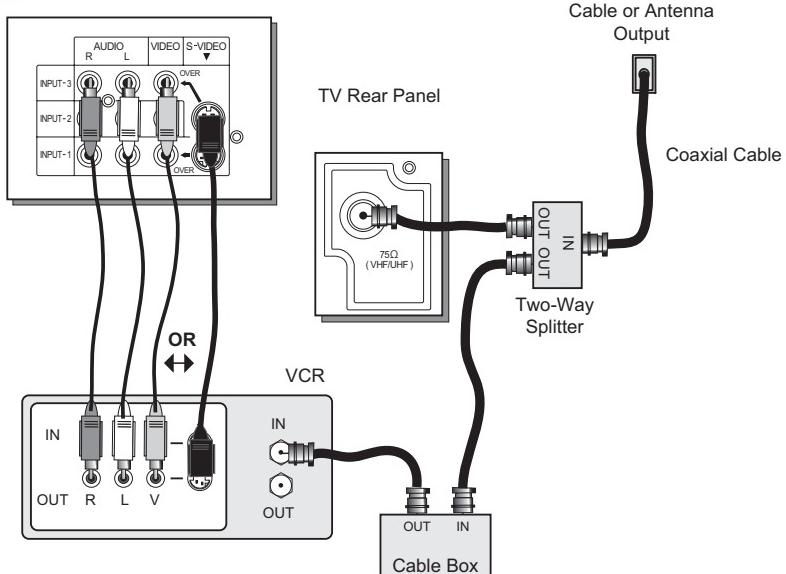
**Diagram #1**



**Note:**

- If you do not have a cable box, connect the cable wire from the wall outlet into the back of the TV.

**Diagram #2**

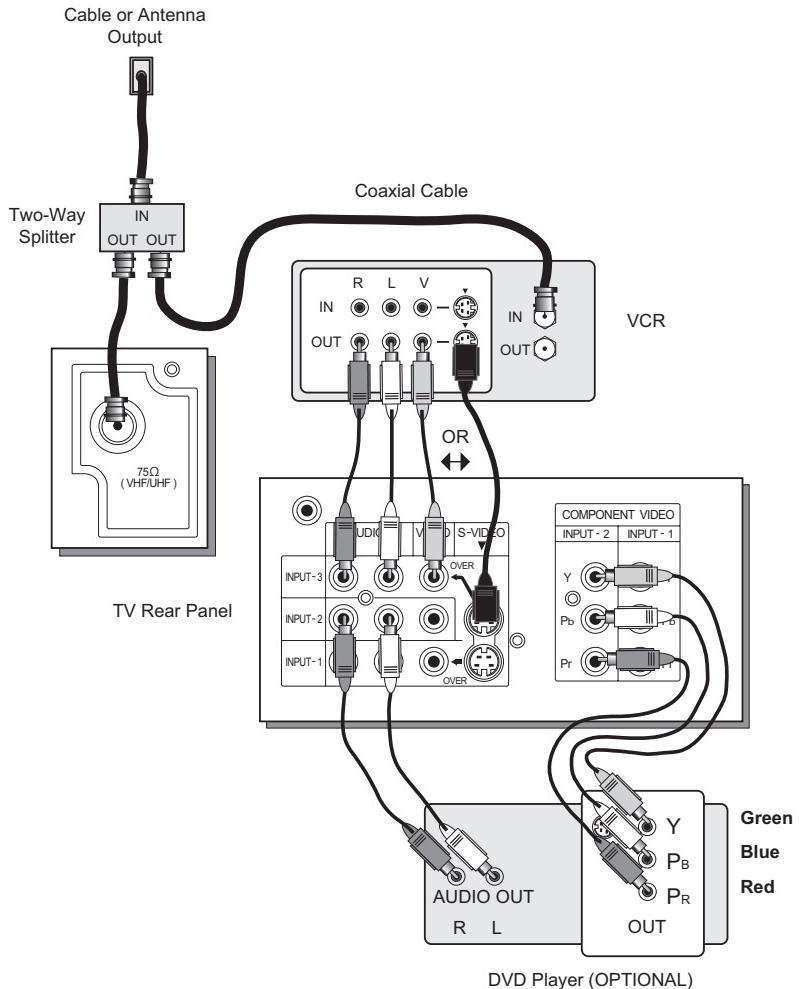


**Notes:**

- If your VCR is a mono sound unit, it will have only one audio out jack. Connect it to the LEFT AUDIO INPUT on the front of the TV.
- Use the S-Video connection if possible for superior picture quality.
- Your VCR must be turned on to view premium cable channels.

**Notes:**

- Green, blue and red are the most common colors for DVD cables. Some models may vary colors. Please consult the user's manual for your DVD player for more information.
- Be careful not to confuse the red DVD cable with the red audio cable. It is best to complete one set of connections (DVD or audio output) before starting the other to avoid accidentally switching the cables.
- You may also connect the DVD player to Input 1.

**Diagram #3**

### Connecting to JVC AV CompuLink

JVC's AV CompuLink feature makes playing video tapes or DVDs totally automatic. Simply insert a pre-recorded tape into your JVC brand VCR or DVD into your JVC DVD player and the device will automatically turn on and begin playback. At the same time, using the AV CompuLink, the VCR or DVD player sends a signal to the television telling it to turn on and switch to the proper video input.

- The AV CompuLink cable may be included with the JVC AV CompuLink unit you wish to connect. If it is not, contact JVC Parts Department at (800)-882-2345, or [www.jvcservice.com](http://www.jvcservice.com) for part # EWP 805-012.
- AV CompuLink can only be used with JVC brand products.

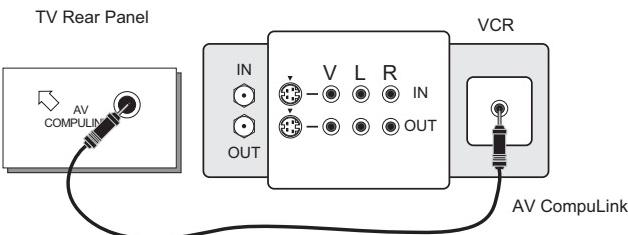
#### AV Compu Link Cable



**To Connect:** Plug one end of the AV CompuLink cable into the AV COMPULINK INPUT on your VCR, DVD, or other CompuLink device. Plug the other end of the AV CompuLink cable into the AV COMPULINK at the rear of the television.

**Note:**

- The AV CompuLink cable has a male 3.5 mm (mono) plug on each end.

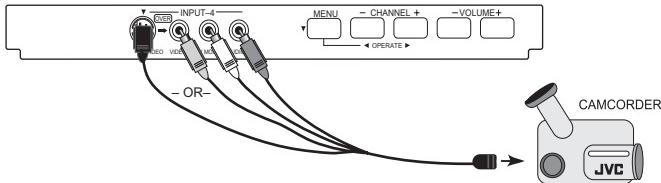


**Notes:**

- In order for the VCR playback to begin automatically, the recording tabs must be removed from the VHS tape. If the tab is in place, automatic switching will occur when you push the VCR's PLAY button.
- If your JVC brand VCR has "A code/B code remote control switching" (see your VCR's instruction book), using VCR A code will switch the TV to input 1.
- Refer to your DVD instruction book for detailed connection information.
- To connect a JVC HiFi receiver or amplifier for a completely automated home theater, see the receiver connection instructions for detailed connection information.
- AV CompuLink is compatible with select AV CompuLink receivers.
- In order to use the AV CompuLink function, make sure you have V1 SMART INPUT turned OFF in the INITIAL SETUP MENU.

### Connecting to a Camcorder

You may connect a camcorder, game console or other equipment to your television by using the front input jacks (Input 4) located under the front panel door. To access, push on the door to open it. You can also connect these using the television's rear input jacks, using the same instructions.



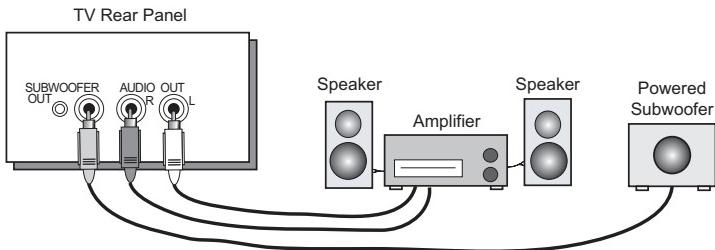
- 1) Connect a yellow composite cable from the camcorder VIDEO OUT, into the VIDEO IN on the front of the TV, **OR** connect an S-Video cable from the front of the TV to the camcorder.
- 2) Connect a white cable from the camcorder LEFT AUDIO OUT, into the LEFT AUDIO IN on the front of the TV.
- 3) Connect a red cable from the camcorder RIGHT AUDIO OUT, into the RIGHT AUDIO IN on the front of the TV.

**Note:**

- If your camcorder is a mono sound model it will have only one AUDIO OUT. Connect it to the LEFT AUDIO IN on the front of the TV.

## Connecting to an External Amplifier

**Subwoofer Out** - Use a powered subwoofer with the surround feature to simulate a home theater system. Simply connect the subwoofer to the back of the TV.



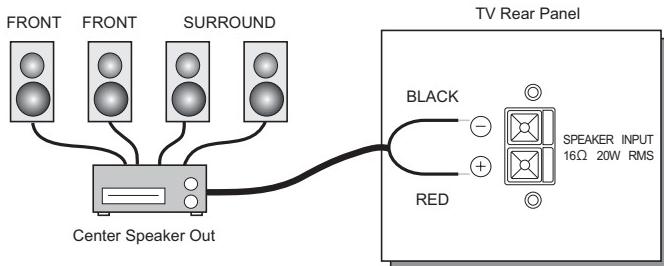
- 1) Connect a white cable from the LEFT AUDIO OUTPUT on the back of the TV to the LEFT AUDIO INPUT on the amplifier.
- 2) Connect a red cable from the RIGHT AUDIO OUTPUT on the back of the TV to the RIGHT AUDIO INPUT on the amplifier.
- 3) Connect a black cable from the SUBWOOFER OUT on the back of the TV to the LINE INPUT of the subwoofer.

### Notes:

- Refer to your amplifier's manual for more information.
- You can use AUDIO OUTPUT for your home theater system.

## Connecting to the Surround Amplifier

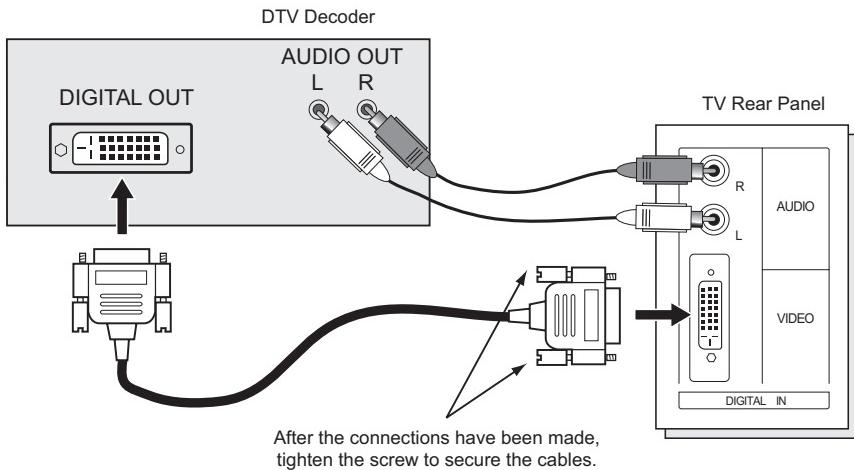
**Note:** Please read the benefit of this feature on page 41.



- 1) Connect the black speaker cable from the TV's SPEAKER INPUT  $\ominus$  terminal to the surround amplifier's CENTER SPEAKER OUTPUT  $\ominus$  terminal.
- 2) Connect the red speaker cable from the TV's SPEAKER INPUT  $\oplus$  terminal to the surround amplifier's CENTER SPEAKER OUTPUT  $\oplus$  terminal.

## Connecting to a Digital TV Receiver w/HDCP

By inputting a high bandwidth digital content protection high definition picture source to the digital-in terminal of this television, high-definition pictures can be displayed on the screen in their digital form. (This terminal is for use in the future when high bandwidth digital content protection DTV decoders and DVD players and D-VHS are put on the market.)



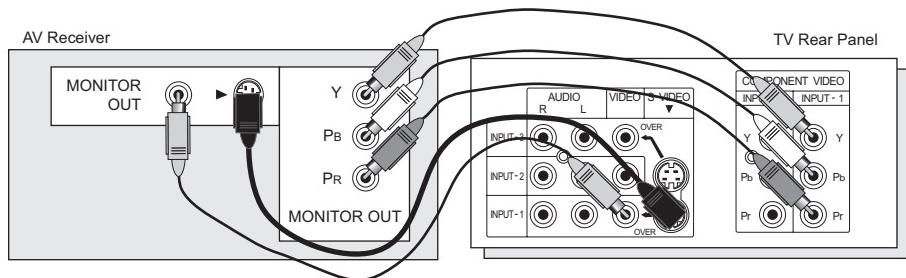
After the connections have been made,  
tighten the screw to secure the cables.

- 1) Connect the DTV DIGITAL RGB OUTPUT TERMINAL to the DIGITAL INPUT TERMINAL of the television, and then tighten the 2 screws.
- 2) Connect the DTV decoder LEFT AUDIO OUTPUT to the DIGITAL-IN LEFT AUDIO INPUT.
- 3) Connect the DTV decoder RIGHT AUDIO OUTPUT to the DIGITAL-IN RIGHT AUDIO INPUT.
  - The digital-in terminal is not compatible with the picture signal of a personal computer.
  - Use a DVI-D single link 19-pin cable (commercially available) in order to digitally connect the television with a DTV decoder.

If 480p signals (640x480 or 720x480) are displayed on the screen, the horizontal balance may be slightly shifted. In cases such as this, the horizontal balance can be adjusted by accessing "DIGITAL-IN" in the INITIAL SETUP menu. (Refer to page 41.)

## Connecting to an AV Receiver using your television's V1 Smart Input

By connecting your AV Receiver to your television's V1 Smart Input, you can watch picture sources from many different devices, without having to change or use the other input connections on your TV. This allows you to free up the other input connections so you can connect more devices to your television.



- 1) Connect an S-Video Cable from the AV Receiver's MONITOR OUT, to the S-Video INPUT-1 on the back of your television.
- 2) Connect a Yellow Component Cable from the AV Receiver's MONITOR OUT, into the VIDEO INPUT-1 on the back of your television.
- 3) Connect a Green Component Cable from the AV Receiver's Y MONITOR OUT, into the Y VIDEO INPUT-1 on the back of your television.
- 4) Connect a Blue Component Cable from the AV Receiver's Pb MONITOR OUT, into the Pb VIDEO INPUT-1 on the back of your television.
- 5) Connect a Red Component Cable from the AV Receiver's Pr MONITOR OUT, into the Pr VIDEO INPUT-1 on the back of your television.

### Notes:

- Please refer to your AV Receiver instruction manual for more information on connecting your speakers and other devices like a DVD player.
- Use your AV Receiver's remote to switch to the different devices you have connected.
- Some AV Receivers may not respond when the V1 Smart Input function is turned on.
- If you have video connections for each input device connected to your AV Receiver, you should not connect them using both S-Video and Composite connection at the same time when you are using V1 Input as the V1 Smart Input. In this case we recommend using the S-Video connection.

## Step 3 – The Interactive Plug In Menu

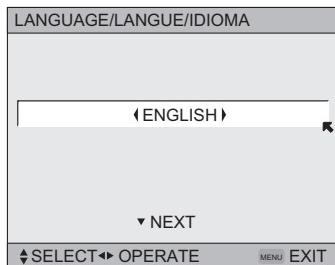
When you turn your television on for the first time the interactive plug-in menu will appear. The plug-in menu helps you to get your TV ready to use by letting you set your preferences for:

- The language in which you want the onscreen menus to appear.
- Setting the TV's clock to the correct time so your timer functions will work properly. You can choose "AUTO" or "MANUAL" for setting the clock.
- The auto tuner setup of which channels you wish to receive.

We recommend you complete the interactive plug-in items before you start using your television.

### Language

After the "JVC INTERACTIVE PLUG IN MENU" has been displayed, the TV automatically switches to the LANGUAGE settings. You can choose to view your onscreen menus in three languages: English, French (Français) or Spanish (Español).



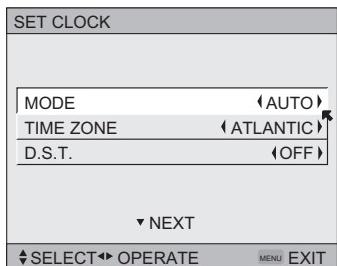
- ◀▶ To choose a language:  
(English, Français or Español)

- ▼ To NEXT (To set clock)

***(To be continued...)***

## Auto Clock Set

Before you use any of your TV's timer functions, you must first set the clock. You may precisely set your clock using the XDS time signal broadcast by most public broadcasting stations. If you do not have this in your area, you will have to set the clock manually. See manual clock set below. To set the clock using the XDS signal:



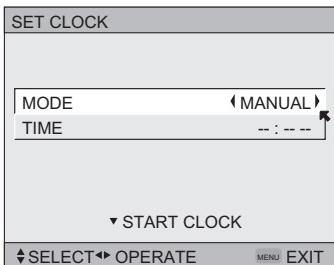
- ◀▶ To choose AUTO
- ▼ To TIME ZONE
- ◀▶ To select your time zone: (Atlantic, Eastern, Central, Mountain, Pacific, Alaska or Hawaii)
- ▼ To move to D.S.T. (Daylight Savings Time)
- ◀▶ To turn D.S.T. ON or OFF
- ▼ To NEXT (To Auto Tuner Setup)

### Notes:

- The Daylight Savings Time feature automatically adjusts your TV's clock for Daylight Savings. The clock will move forward one hour at 2:00 am on the first Sunday in April. The clock will move back one hour at 2:00 am on the last Sunday in October.
- You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

## Manual Clock Set

To set your clock manually (without using the XDS signal), choose MANUAL. If you choose AUTO, see auto clock set above.



- ◀▶ To choose MANUAL
- ▼ To TIME
- ◀▶ To set the hour
- ▼ To minute
- ◀▶ To set the minute
- ▼ To Start Clock

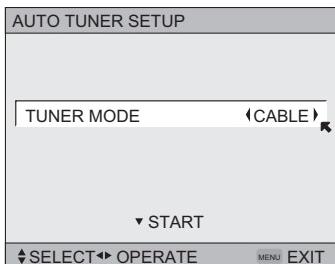
### Note:

- You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

**(To be continued...)**

## Auto Tuner Setup

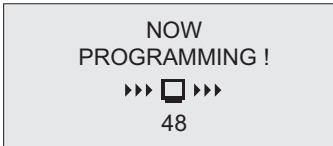
In auto tuner setup, the TV automatically scans through all available channels, memorizing the active ones and skipping over blank ones or channels with weak signals. This means when you scan (using the CHANNEL +/- buttons) you will receive only clear, active channels.



To choose CABLE or AIR (or SKIP when you skip Auto Tuner Setup)



To START



**Programming will take approximately 1 to 2 minutes.**

When the setup is finished, THANK YOU!! SETUP IS NOW COMPLETE is displayed. Your quick setup is now complete. You can now begin watching your television, or you can continue on in this guide for more information on programming your remote control, or using the JVC onscreen menu system to customize your television viewing experience.

### Notes:

- Noise muting will not work during Auto Tuner Setup.
- Skip appears only for interactive plug-in menu.
- The interactive plug-in menu setting does not appear if your TV has been turned on before. In this case, use the menu to perform these settings. See pages 37, 45 and 29.

**Cable Box and Satellite Users:** After your auto tuner setup is complete, you may, (depending on the type of hookup), have only 1 channel, usually 3 or 4 in the auto tuner memory. This is normal.



**The Quick Setup is complete**

# Remote Programming

## Setting the CATV, VCR and DVD Codes

You can program your remote to operate your cable box, satellite receiver, VCR or DVD player by using the instructions and codes listed below. If the equipment does not respond to any of the codes listed below or to the code search function, use the remote control supplied by the manufacturer.

### Cable Box or Satellite Codes

The remote control is programmed with cable box and satellite codes for power on/off, channel up/down, and 10 key operation.

- 1) Find the cable box or satellite brand from the list of codes shown below.
  - 2) Slide the 2-way selector switch to "CATV".
  - 3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
  - 4) Release the DISPLAY button, and confirm the operation of the cable box/satellite receiver.
- If your cable or satellite box does not respond to the first code, try the others listed. If it does not respond to any code, try the search codes function, on page 25.

CABLE BOX	CODES	CABLE BOX	CODES	DIGITAL SATELLITE SYSTEMS	CODES
ABC	024	Puser	032	EchoStar (Dish Network)	100, 113, 114, 115
Archer	032, 025	RCA	061, 070	Express VU	100, 113
Cableview	051, 032	Realistic	032	G.E.	106
Citizen	022, 051	Regal	058, 064, 040, 041, 042, 045, 068	G.I.	108, 120, 121, 122
Curtis	058, 059	Regency	034	Gradiente	112
Diamond	024, 032, 025	Rembrandt	037, 032, 051, 038	Hitachi	104, 111
Eagle	029	Samsung	051	HNS (Hughes)	104
Eastern	034	Scientific Atlanta	057, 058, 059	Magnavox	102, 103
GC Brand	032, 051	SLMark	051, 047	Panasonic	105
Gemini	022, 043	Sprucer	051, 056	Philips	102, 103, 116
General Instrument/Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023, 072, 074	Stargate	032, 051	Primestar	108
Hamlin	040, 041, 042, 045, 058, 064	Telecaption	067	Proscan	106, 109, 110
Hitachi	049, 024	Teleview	047, 051	RCA	106, 109, 110
Macom	049, 050, 051, 054	Texscan	044	Sony	107
Magnavox	033	Tocom	035, 036, 066, 074	Star Choice	104, 108
Memorex	030	Toshiba	050, 048	Toshiba	101, 104, 117, 118, 119
Movietime	032, 051	Unika	032, 025		
Oak	039, 037, 048	Universal	022, 032		
Panasonic	055, 056, 060, 071, 073	Videoway	052	Uniden	102, 103
Paragon	063	Viewstar	029, 030		
Philips	028, 029, 030, 052, 053, 031, 069	Zenith	063, 046		
Pioneer	047, 062	Zenith/Drake Satellite	046		
Pulsar	051, 032				

# Remote Programming

## VCR Codes

The remote control is programmed with VCR codes for power on/off, play, stop, fast-forward, rewind, pause, record, channel up/down operation.

- 1) Find the VCR brand from the list of codes shown below.
  - 2) Slide the first 2-way selector switch to "TV" and the other 2-way selector switch to "VCR".
  - 3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
  - 4) Release the DISPLAY button, and confirm the operation of the VCR.
- If your VCR does not respond to the first code, try the others listed. If it does not respond to any of the codes, try the search codes function on page 25.
  - After you program your remote, some VCR buttons may not work properly. If so, use the VCR's remote.
  - To record, hold down the REC button on the remote and press PLAY.

VCRs	CODES	VCRs	CODES	VCRs	CODES
Admiral	035	Marantz	003, 004, 005	Samsung	037, 060, 062, 033, 089
Aiwa	027, 032, 095	Marta	064	Samtron	089
Akai	029, 072, 073, 074	Memorex	024, 067	Sansui	003, 026, 020, 052
Audio Dynamic	003, 005	MGA	038, 040, 047, 048, 041, 042	Sanyo	063, 067, 091, 071
Bell & Howell	063, 071	Minolta	058, 045, 093	Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Broksonic	020, 026, 094	Mitsubishi	038, 040, 047, 048, 041, 042, 078, 090	Sears	063, 064, 065, 066, 058
Canon	023, 025	Multitech	047, 027, 062	Sharp	035, 036, 080, 088
CCE	043	NEC	003, 004, 005, 000	Shintom	075
Citizen	064	Olympic	024, 023	Signature 2000	027, 035
Craig	063, 029, 064	Optimus	028, 021, 035, 064	Singer	075
Curtis Mathes	045, 024, 027, 093	Orion	026, 020	Sony	028, 029, 030, 053, 054, 055
Daewoo	043, 059, 024, 092	Panasonic	023, 024, 021, 022	SV 2000	027
DBX	003, 004, 005	Penney	024, 058, 045, 063, 003, 004, 005, 093	Sylvania	031, 023, 024, 027
Dimensia	045, 093	Pentax	058, 005, 045, 093	Symphonic	027, 081
Emerson	043, 026, 077, 061, 025, 042, 020, 076	Philco	031, 024, 027, 023, 026, 020, 043	Tashiro	064
Fisher	063, 066, 067, 065, 071, 091	Philips	031, 023, 024, 086	Tatung	003, 004, 005
Funai	027, 026, 020, 000	Pioneer	023	Teac	003, 004, 027, 005
G.E.	033, 045, 024	Proscan	045, 058, 023, 024, 031, 046, 059, 060, 093, 033, 087	Technics	021, 022, 023, 024
Go Video	037, 051, 049, 050, 089	Quasar	021, 022, 023, 024	Teknika	024, 027, 070
Goldstar	064	Radio Shack	033, 024, 063, 036, 067, 040, 027	Thomson	033, 096
Gradiente	083, 084, 081, 000, 001	RCA	033, 045, 058, 023, 024, 031, 046, 059, 060, 083, 084, 085, 087, 093, 096	Toshiba	059, 046, 079
Hitachi	023, 045, 058, 093, 027, 081	Realistic	024, 063, 036, 067, 040, 027	Vector Research	005
Instant Replay	024, 023			Wards	035, 036, 067, 044, 064
Jensen	003			Yamaha	063, 003, 004, 005
JVC	003, 004, 005, 000, 001, 002, 006, 007			Zenith	044, 082, 064, 094
Kenwood	003, 004, 064, 005				
LG	064				
LXI	027, 064, 058, 065, 066, 063, 067				
Magnavox	031, 023, 024, 086				

# Remote Programming

## DVD Codes

The remote control is programmed with DVD codes for power on/off, play, stop, fast-forward, rewind, previous/next chapter, tray open/close, and still/pause operation.

- 1) Find the DVD player brand from the list of codes shown below.
  - 2) Slide the first 2-way selector switch to "TV" and the other 2-way selector switch to "DVD".
  - 3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
  - 4) Release the DISPLAY button, and confirm the operation of the DVD player.
- If your DVD player does not respond to the first code, try the others listed. If it does not respond to any of the codes, try the search codes function on page 25.
  - After you program your remote, some DVD buttons may not work properly. If so, use the DVD player's remote.

DVD Player	CODES	DVD Player	CODES	DVD Player	CODES
Aiwa	043	Mintek	057	Sharp	028
Apex	040, 054, 055	Mitsubishi	025	Sylvania	038
Bose	058	Next Base	056	SMC	048
Denon	020, 037	Onkyo	041, 052	Sony	024, 045, 046, 047
Funai	038	Oritron	044	Technics	020
Go-Video	032	Panasonic	020	Thomson	021
Harman Kardon	053	Philips	023, 036	Toshiba	023
Hitachi	031	Pioneer	022	Venturer	051
JVC	000	Polk Audio	036	Vialta	050
Kenwood	035, 020	Raite	033	Wave	042
KLH	051	RCA	021, 026	Yamaha	020, 049
Konka	039	Sampo	034	Zenith	027, 032
Koss	050	Samsung	030		

# Remote Programming

## Search Codes

### Cable/Satellite Search Codes Function

- 1) Slide the first 2-Way Mode Selector switch to CATV.
- 2) Press and hold down the POWER button, then press the RETURN+/TV button for more than three seconds.
- 3) Release the RETURN+/TV button, then release the POWER button.
- 4) Press the POWER button on the remote, and see if the cable or satellite box responds.
- 5) If there was a response, press RETURN+/TV. The codes are now set. If there was no response, repeat Step 4. If you repeat Step 4 a total of 80 times without a response, use the remote control that came with your equipment.
- 6) Press RETURN+/TV to exit.

### VCR/DVD Search Codes Function

- 1) Slide the first 2-way selector switch to "TV" and the other 2-way selector switch to "VCR" or "DVD".
- 2) Press and hold down the VCR or DVD POWER button, then press the RETURN+/TV button for more than three seconds.
- 3) Release the RETURN+/TV button, then release the VCR or DVD POWER button.
- 4) Press the VCR or DVD POWER button, and see if the VCR or DVD responds.
- 5) If there was a response, press RETURN+/TV. The codes are now set. If there was no response, repeat Step 4. If you repeat Step 4 a total of 80 times for the VCR (40 times for the DVD player), and there is no response, use the remote control that came with your equipment.
- 6) Press RETURN+/TV to exit.

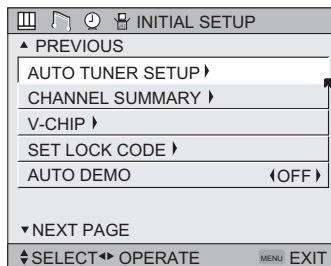
# Onscreen Menus

## Using the Guide

Certain symbols are used throughout this guide to help you learn about the features of your new television. The ones you will see most frequently are:

- ▲▼ Up and Down arrows mean press the CH+ or CH- buttons. Pressing the CH+ or CH- buttons let you:
    - Move vertically in a main menu screen
    - Move through a submenu screen
    - Move to the next letter, number, or other choice in a submenu
    - Back up to correct an error
    - Scan through TV channels (when not in a menu screen)
  - ◀▶ Left and right arrows mean press the VOLUME+ or VOLUME- buttons to move left or right to:
    - Select a highlighted menu item
    - Select an item in a submenu
    - Select numbers in certain menu options
    - Turn the volume up or down (when not in a menu screen)
-  The “press button” icon means you should press the button named on your remote control. (Button names appear in SMALL CAPITAL LETTERS.)
-  The “helping arrow” icon points to the highlighted or selected item in a menu.

To bring up the **onscreen menu**, press the MENU button on the remote control. The item that appears in green is the one currently selected. If you use the Menu button on the TV’s front panel instead of the remote, an additional menu screen showing INPUT will appear between INITIAL SETUP and PICTURE ADJUST. The “interactive plug-in menu” will appear the first time the TV is plugged in.



**Note:**

- Menus shown in this book are illustrations, not exact replications of the television’s onscreen displays.

# Onscreen Menus

## The Onscreen Menu System

Your television comes with JVC's onscreen menu system. The onscreen menus let you make adjustments to your television's operation simply and quickly. Examples of the onscreen menus are shown on the next page. Detailed explanations on using each menu follow later in this guide. For information about the interactive plug-in Menu, see pages 19 - 21.

## The Onscreen Menu System

To open the onscreen menu system, press the MENU button on the remote control. You navigate within the onscreen menus by using the four directional arrow buttons on the remote control. (These buttons are also the CH +/- and Vol +/- buttons. Channel and volume functions will not operate when the onscreen menu is active).

The selected feature and option on a menu screen are highlighted in a different color.

**Selected Option  
(Green)**            **Selected Option  
(Blue)**

To move to a different feature use the **▲ ▼** arrows to move up or down the list. When you press the up arrow at the top of the list or the down arrow at the bottom, the next menu screen will appear. Use the arrows **◀ ▶** to select an option from the highlighted feature. Pressing MENU on the remote control will close the onscreen menu system and return you to normal television viewing.

Each menu and its features will be discussed in the following pages of this guide.

### Notes:

- If you do not press any buttons for a few seconds, the onscreen menu will automatically shut off.
- Button names in this guide are shown in **SMALL CAPITAL LETTERS**.
- Menus may appear in different sizes onscreen depending on the aspect ratio selected.
- Some menu items may not appear in menu screens when certain aspect ratios or inputs are selected.

# Onscreen Menus



Press the MENU button

INITIAL SETUP	
▲ PREVIOUS	
AUTO TUNER SETUP	▶
CHANNEL SUMMARY	▶
V-CHIP	▶
SET LOCK CODE	▶
AUTO DEMO	◀ OFF ▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## INITIAL SETUP 04



PICTURE ADJUST	
▲ PREVIOUS	STANDARD
TINT	◀ 00 ▶
COLOR	◀ 00 ▶
PICTURE	◀ 00 ▶
BRIGHT	◀ 00 ▶
DETAIL	◀ 00 ▶
COLOR TEMPERATURE	◀ LOW ▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## PICTURE ADJUST 01



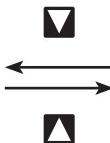
PICTURE ADJUST	
▲ PREVIOUS	STANDARD
DIG. NOISE CLEAR	OFF
VSM	◀ ON ▶
RESET	
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## PICTURE ADJUST 02



SOUND ADJUST	
▲ PREVIOUS	
BASS	◀ 00 ▶
TREBLE	◀ 00 ▶
BALANCE	◀ 00 ▶
MTS	[STEREO] SAP MONO
RESET	
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## SOUND ADJUST



INITIAL SETUP	
▲ PREVIOUS	
LANGUAGE	ENG. FRAN. ESP.
CLOSED CAPTION	▶
AUTO SHUT OFF	◀ OFF ▶
XDS ID	◀ OFF ▶
TILT CORRECTION	▶
PURITY	◀ OFF ▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## INITIAL SETUP 03



INITIAL SETUP	
▲ PREVIOUS	
NOISE MUTING	◀ ON ▶
FRONT PANEL LOCK	◀ OFF ▶
V1 SMART INPUT	◀ OFF ▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## INITIAL SETUP 02



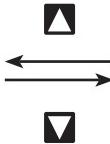
INITIAL SETUP	
▲ PREVIOUS	
TV SPEAKER	◀ ON ▶
AUDIO OUT	◀ FIX ▶
CENTER CH INPUT	◀ OFF ▶
DIGITAL-IN	◀ SIZE 1 ▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## INITIAL SETUP 01



CLOCK / TIMERS	
▲ PREVIOUS	
SET CLOCK	▶
ON / OFF TIMER	▶
▼ NEXT PAGE	
◆ SELECT ◀ OPERATE	MENU EXIT

## CLOCK/TIMERS

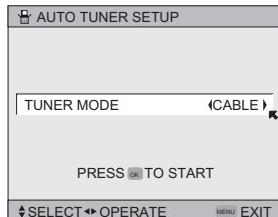


# Initial Setup

## Auto Tuner Setup

The auto tuner setup function is described on page 21 as the interactive plug-in menu. If you need to run the auto tuner setup again, follow the steps below.

-  Press the MENU button
-  To AUTO TUNER SETUP
-  To operate
-  To choose CABLE or AIR
-  Press the Ok button to start



Programming will take approximately 1 to 2 minutes. The auto tuner is finished when the message **PROGRAMMING OVER!** appears onscreen.

-  Press the Menu button when finished

## Channel Summary

Channel summary allows you to customize the line-up of channels received by your TV. You can add or delete channels from the line-up or prevent any unauthorized viewers from watching any or all 181 channels.

-  Press the MENU button
-  To CHANNEL SUMMARY
-  To operate

The Channel summary screen will now be displayed with the channels set to scan marked with an “✓”. You can delete channels from the scan by removing the “✓”. If any channels were missed during auto tuner setup and you wish to add them, you may by placing an “✓” next to the channel number.

-  To the SCAN column
-  Press the Ok button to include or delete from scan
-  Press the MENU button when finished

You can block access to a channel by activating the channel lock.

-  Press the MENU button
-  To CHANNEL SUMMARY
-  To operate
-  To the Lock Column (  )
-  Press the ZERO button to lock or unlock that channel
-  Press the MENU button when finished

CHANNEL SUMMARY			
CHNO.	SCAN	CHNO.	SCAN
01	✓	06	✓
02	✓	07	✓
03		08	
04	✓	09	✓
05	✓	10	

# Initial Setup

## Channel Guard Message

When a viewer attempts to watch a guarded channel, the following message appears:

To watch a channel that you have locked, enter the Lock Code using the 10 key pad.

If the wrong code is entered, the message "INVALID LOCK CODE!" will flash on the screen.

The channel cannot be accessed until the correct code is entered.

THIS CHANNEL IS LOCKED BY  
CHANNEL GUARD.  
PLEASE ENTER LOCK CODE BY  
10 KEY PAD TO UNLOCK IT.

NO. ----

### Notes:

- Once a channel has been unlocked, it will remain unlocked until the television is turned off.
- See also "Set Lock Code", page 36.

## V-Chip

Your TV is equipped with V-Chip technology which enables you to block channels or content that you feel to be inappropriate for children, based on US and Canada rating guidelines. V-Chip has no effect on video signals from a DVD discs, VCR tapes or Camcorder connection.

**Note:** Some programs, and movies are broadcast without a ratings signal. Even if you set up V-CHIP ratings limits, these programs will not be blocked. See page 31 for information on how to block unrated programs.

**Note (for Canadian viewers):** The V-Chip function is based on specifications designed for the United States and therefore may not work properly in Canada.

You can customize the V-Chip settings of your television to match your personal tastes. The V-Chip menu below is the starting point for your V-Chip settings

You can use US V-Chip settings (for programming broadcast from the United States), Canadian V-Chip settings (for programming broadcast from Canada), and movie ratings. You may use any or all of the settings (US V-Chip, Canada V-Chip, Movie ratings). Descriptions for setting each of the three V-Chip formats appear in the next six pages along with descriptions of the rating categories.

To access the rating categories:



Press the MENU button



To V-CHIP



To operate (Lock icon will appear)



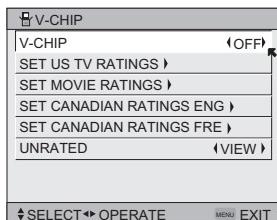
Press ZERO to access the V-Chip menu



To turn V-Chip ON or OFF (V-Chip must be turned ON for rating settings to operate)



To move to SET US TV RATINGS,  
SET MOVIE RATINGS, or  
SET CANADIAN RATINGS (see following pages for  
descriptions of each item)



# Initial Setup

## Unrated Programs

Unrated programming refers to any programming which does not contain a rating signal. Programming on television stations which do not broadcast rating signals will be placed in the "Unrated Programming" category.

Examples of Unrated programs:

- Emergency Bulletins
- News
- Public Service Announcements
- Sports
- Some Commercials
- Locally Originated Programming
- Political Programs
- Religious Programs
- Weather

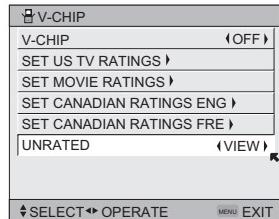
### Note:

- TV programs or movies that do not have rating signals will be blocked if the unrated category is set to BLOCK.

## Directions to Block Unrated Programs

You can block programs that are not rated.

-  Press the MENU button
-  To V-CHIP
-  To operate (The lock icon  appears)
-  Press ZERO to access V-Chip setup options
-  To UNRATED
-  To VIEW or BLOCK
-  Press MENU when done



# Initial Setup

## US V-Chip Ratings

### U.S. PARENTAL RATING SYSTEMS

Programs with the following ratings are appropriate for children.

**TV Y is Appropriate for All Children**

Programs are created for very young viewers and should be suitable for all ages, including children ages 2 - 6.

**TV Y7 is for Older Children**

Most parents would find such programs suitable for children 7 and above. These programs may contain some mild fantasy violence or comedic violence, which children should be able to discern from reality.

Programs with the following ratings are designed for the entire audience.

**TV G stands for General Audience**

Most parents would find these programs suitable for all age groups. They contain little or no violence, no strong language, and little or no sexual dialog or situations.

**TV PG Parental Guidance Suggested**

May contain some, but not much, strong language, limited violence, and some suggestive sexual dialog or situations. It is recommended that parents watch these programs first, or with their children.

**TV 14 Parents Strongly Cautioned**

Programs contain some material that may be unsuitable for children under the age of 14 including possible intense violence, sexual situations, strong coarse language, or intensely suggestive dialog. Parents are cautioned against unattended viewing by children under 14.

**TV MA Mature Audiences Only**

These programs are specifically for adults and may be unsuitable for anyone under 17 years of age. TV MA programs may have extensive V, S, L, or D.

### Viewing Guidelines

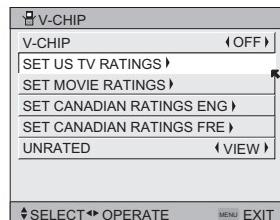
In addition to the ratings categories explained above, information on specific kinds of content are also supplied with the V-Chip rating. These types of content may also be blocked. The content types are:

- **V/FV** is for VIOLENCE/FANTASY VIOLENCE
- **S** stands for SEXUAL CONTENT
- **L** stands for strong LANGUAGE
- **D** stands for suggestive DIALOG

# Initial Setup

## Setting US V-Chip Ratings

-  Press the MENU button
-  To V-CHIP
-  To operate (lock icon  appears)
-  Press ZERO to access the V-Chip menu
-  To turn V-Chip ON or OFF
-  To move to SET US TV RATINGS
-  To operate

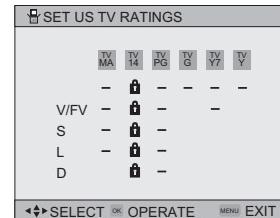


## Directions to set US V-Chip Ratings

Line up the cursor in the column (TV PG, TV G, etc.) with the content row (V/FV, S, etc.) and press the **▲▼** or **◀▶** to move the cursor to the correct location. Press OK to turn the locking feature on or off. An item is locked if the  icon appears instead of a “—”.

**For example.** To block viewing of all TV 14 shows, move the cursor to the top row of that column and add a lock icon. Once you've put a lock on the top row, everything in that column is automatically locked.

-  To the TV 14 Column
-  Press the Ok button to lock
-  Press the MENU button when finished



### Note:

- If you want to change the setup, move the cursor to the top column and change the lock icon to “—” by pressing OK again. You may then select individual categories to block.

# Initial Setup

## Movies Ratings

### NR – Not Rated

This is a film which has no rating. In many cases these films were imported from countries which do not use the MPAA ratings system. Other NR films may be from amateur producers who didn't intend to have their film widely released.

**NR (Not Rated) Programming may contain all types of programming including children's programming, foreign programs, or adult material.**

### G – General Audience

In the opinion of the review board, these films contain nothing in the way of sexual content, violence, or language that would be unsuitable for audiences of any age.

### PG – Parental Guidance

Parental Guidance means the movie may contain some contents such as mild violence, some brief nudity, and strong language. The contents are not deemed intense.

### PG-13 – Parents Strongly Cautioned

Parents with children under 13 are cautioned that the content of movies with this rating may include more explicit sexual, language, and violence content than movies rated PG.

### R – Restricted

These films contain material that is explicit in nature and is not recommended for unsupervised children under the age of 17.

### NC-17 – No One Under 17

These movies contain content which most parents would feel is too adult for their children to view. Content can consist of strong language, nudity, violence, and suggestive or explicit subject matter.

### X – No One under 18

Inappropriate material for anyone under 18.

## Directions to set Movie (MPAA) Ratings



Press the MENU button



To V-CHIP



To operate (Lock icon  appears)



Press ZERO to access V-Chip setup options



To SET MOVIE RATINGS

To enter movies menu

### For example:

To block viewing of X and NC-17 rated from shows:

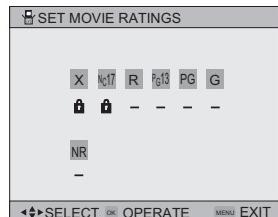
To the X Column

Press the Ok button to lock

To the NC-17 Column

Press the Ok button to lock

Press the MENU button to finish



# Initial Setup

## Canadian V-Chip Ratings

### E – Exempt

Exempt programming includes: news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.

### C – Programming Intended for Children

Violence Guidelines: There will be no realistic scenes of violence. Depictions of aggressive behavior will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature.

### C8+ – Programming Intended for Children 8 and Over

Violence Guidelines: Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. There will be no offensive language, nudity or sexual content.

### G – General Audience

Programming will contain little violence and will be sensitive to themes which could affect younger children.

### PG – Parental Guidance

Programming intended for a general audience, but which may not be suitable for younger children. Parents may consider some content not appropriate for children aged 8-13.

### 14+ – 14 Years and Older

Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Programming may contain mature themes and scenes of intense violence.

### 18+ – Adult

Material intended for mature audiences only.

## Directions to set Canadian V-Chip Ratings



Press the MENU button



To V-CHIP



To operate (lock icon  appears)



Press ZERO to access V-Chip setup options



To SET CANADIAN RATINGS ENG (for English)



To enter ratings menu

### For example:

To block viewing of programming rated 14+ and 18+:



To the 18+ Column



Press the Ok button to lock



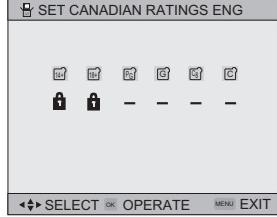
To the 14+ Column



Press the Ok button to lock



Press the MENU button to finish



### Note:

- For instructions on “SET CANADIAN RATINGS FRE (in French)”, please see page 35 in the French side of this user’s guide.

# Initial Setup

## Set Lock Code

Channel guard and V-Chip settings are protected by a four-digit lock code. Your TV comes preset with a lock code of "0000". You may change the code to any four-digit number you wish. To change the lock code, follow the steps below.

-  Press the MENU button
-  To SET LOCK CODE
-  To operate (lock icon  appears)
-  Press ZERO to access the lock code

The first digit will be highlighted

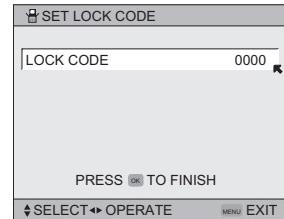
-  To select the number
-  To move to the next digit

Continue to follow these directions for all four numbers

-  Press the OK button to finish (your lock code is now set)
-  Press the Menu button when finished

When a viewer attempts to watch a blocked channel, this message appears:

The channel will remain blocked until the correct lock code is entered (see above for information on setting your lock code).



THIS PROGRAMMING EXCEEDS  
YOUR RATING LIMITS.  
PLEASE ENTER LOCK CODE BY  
10 KEY PAD TO UNLOCK IT.  
NO. ----

## Notes:

- After a power interruption you must reset the lock code.
- Write your lock code number down and keep it hidden from potential viewers.
- If you forget the lock code, a new code may be set using the steps listed above.

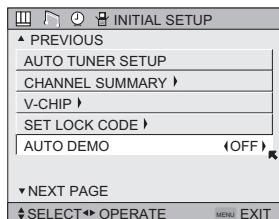
## Auto Demo

This function lets you preview the many different viewing modes of your TV. It will cycle through "Multi Screen Demo", "Picture in Picture Demo", all of the different "Aspect" ratios and all of the different "Video Status" modes.

-  Press the MENU button
-  To AUTO DEMO
-  To turn AUTO DEMO ON or OFF

## Note:

- To stop auto demo, press the MENU button, and select auto demo by pressing the  buttons, and turn it off by pressing the  buttons. Press the MENU button to finish.



# Initial Setup

## Language

The language function is described on page 19 as the interactive plug-in menu. If you need to choose the language again, follow the steps below.



Press the Menu button



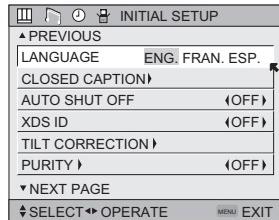
To LANGUAGE



To choose a language: ENG. (English), FRAN. (French) or ESP. (Spanish)



Press the MENU button when finished



## Closed Caption

Many broadcasts now include an onscreen display of dialog called closed captions. Some broadcasts may also include displays of additional information in text form. Your television can access and display this information using the closed caption feature. To activate the closed caption feature, follow the steps below.



Press the MENU button



To CLOSED CAPTION



To operate



To select CAPTION or TEXT



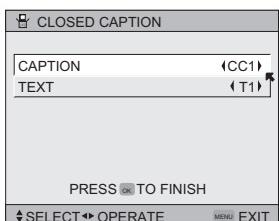
To select a caption (CC1 to CC4) or text channel (T1 to T4)



Press the OK button to save



Press the MENU button when finished



### Notes:

- Closed caption subtitles are usually found on closed caption channel CC1. Some programs may include additional text information which is usually found on text channel T1. The other channels are available for future use.
- Closed captioning may not work correctly if the signal being received is weak or if you are playing a video tape.
- Most broadcasts containing closed captioning will display a notice at the start of the program.
- To select the mode, press the C.C. button. See page 54.

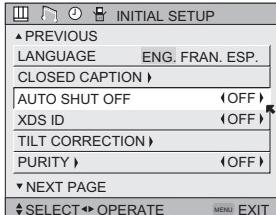
# Initial Setup

## Auto Shut Off

This function automatically shuts off your TV when there is no signal from the channel the TV is on.

-  Press the MENU button
-  To AUTO SHUT OFF
-  To turn ON or OFF
-  Press the MENU button when finished

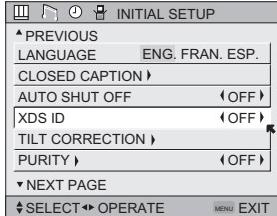
- If the channel that you have on does not receive a signal for more than one minute, the blinking text "NOT RECEIVING A SIGNAL" appears on the screen, and starts the countdown. If no signal is being received within 10 minutes, the TV shuts itself off.



## XDS ID

XDS ID Display provides a channel's call letters, the network's name, and even a program name. The XDS ID information is provided by the broadcaster.

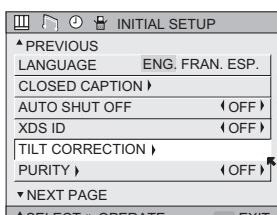
-  Press the MENU button
-  To XDS ID
-  To turn ON or OFF
-  Press the MENU button when finished



## Tilt Correction

This adjusts the pictures so that it looks even on the screen and not lopsided.

-  Press the MENU button
-  To TILT CORRECTION
-  To enter
-  To adjust TILT CORRECTION



### NOTE:

- External Speakers: When using external speakers or amplifiers, shut off the TV Speakers (see page 40).

# Initial Setup

## Purity

### AV-36DF74 ONLY

Sometimes, your television can be affected by the magnetic fields of the earth. If you notice that there are sections of color on your TV screen that appear stained or blotchy, use this function to help eliminate it.



Press the MENU button



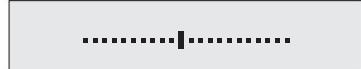
To PURITY



To enter



To adjust purity



## Noise Muting

This feature inserts a blank blue screen over channels which are not broadcasting or are too weak to be received clearly.



Press the MENU button

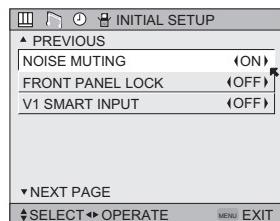


To NOISE MUTING

To turn noise muting ON or OFF



Press the MENU button when finished



### Note:

- Noise muting will not work during auto tuner setup or when you operate channel summary.

## Front Panel Lock

This allows you to lock the keys on the front of the TV, so that a child may not accidentally change your viewing preferences.



Press the MENU button

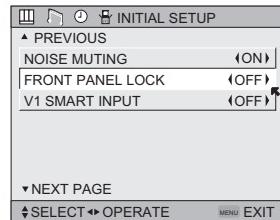


To FRONT PANEL LOCK

To turn ON or OFF



Press the MENU button when finished



You can turn off this feature in the following ways:

- Unplug the power cord, and plug it back in. Do this if your batteries die, or you lose your remote control.
- Use the remote control.
- Press the MENU button on the front of the TV for more than 3 seconds. In this case, the OSD for FRONT PANEL LOCK will appear.

### Note:

- To turn ON/OFF the TV, press the power button for more than 3 seconds. This feature will remain ON.

# Initial Setup

## V1 Smart Input

This feature is used if you have connected an AV Receiver to your television. By turning this feature on, your television can automatically detect the signal source from your components that are connected to your AV Receiver.



Press the MENU button



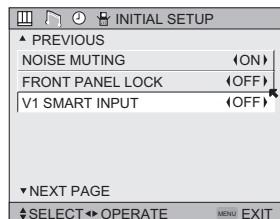
To V1 SMART INPUT



To turn ON or OFF



Press the MENU button when finished



### Notes:

- If you do not have an AV Receiver connected to your television, turn this feature OFF. By doing so, you can take advantage of using AV CompuLink components with your television.
- Some AV Receivers may not work with this function.

## TV Speaker

If your TV is connected to a stereo system, you can turn off the TV speakers and listen to the audio through your stereo.



Press the MENU button



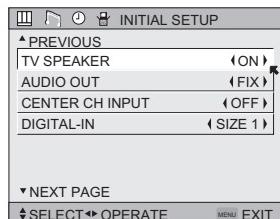
To TV SPEAKER



To turn the TV's speakers ON or OFF



Press the MENU button when finished



### Notes:

- Before you turn the TV speaker setting from OFF to ON, **make sure that the TV volume level is low!** If the TV volume is set too high, the sound level will be extremely loud.
- After a power interruption, the TV speaker settings will return to "ON".

## Audio Out

If your television is connected to an external speaker source, audio out gives you the option of controlling the volume level with your TV's remote control.



Press the MENU button



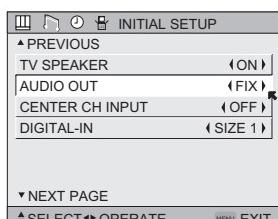
To AUDIO OUT



To VARI or FIX



Press the MENU button when finished



**VARI:** Lets you adjust the volume of the external speakers using the VOLUME +/- buttons on your TV's remote control.

**FIX:** The volume of the external speakers is adjusted using the audio device's remote control.

# Initial Setup

## Center CH Input

When you are using a surround system, you can substitute the speaker of this television for the center speaker of your surround system. Set CENTER CH INPUT to on when you use the speaker as the center speaker of your surround system.



Press the MENU button

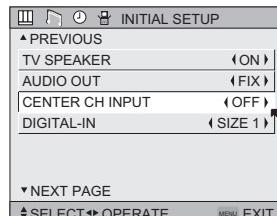


To CENTER CH INPUT

To adjust CENTER CH INPUT to "ON" or "OFF"



Press the MENU button when finished



### Note:

The normal speaker output is 20W 16Ohms. The maximum is 40W. If you exceed the maximum, your speaker may break.

## Digital-In

The DIGITAL-IN option can only be displayed in the INITIAL SETUP menu when a 480p picture signal is being input to the DIGITAL-IN terminal. This option adjusts the position when a 480p picture signal is being displayed on the screen. There are two types of 480p picture signals: 640x480 and 720x480. If the displayed picture is slightly shifted, the position can be adjusted by selecting either SIZE1 or SIZE2.



Press the MENU button



To DIGITAL-IN



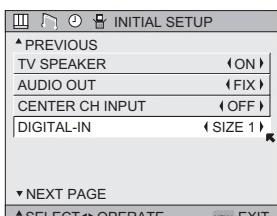
To enter



To select SIZE1 or SIZE2



Press the MENU button to finish



# Picture Adjust

## Picture Settings

These settings allow you to change and adjust the way the picture appears on your television.

### TINT

Tint allows you to adjust the levels of red and green in your TV picture.

### COLOR

The color function lets you make all the colors in the TV picture appear either more vivid or subtle.

### PICTURE

Picture allows you to adjust the levels of black and white on the TV screen, giving you a darker or brighter picture overall.

### BRIGHT

You can adjust the overall brightness of the TV picture with the Bright control.

### DETAIL

The Detail feature adjusts the level of fine detail displayed in the picture.

## Adjust the Picture Settings



Press the MENU button

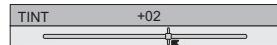


To TINT, COLOR, PICTURE, BRIGHT or

DETAIL



To enter



To adjust the setting



To move to the next setting



Press the MENU button when finished



## Color Temperature

You can decide how strong or dull the colors appear on the TV screen.



Press the MENU button



To COLOR TEMPERATURE

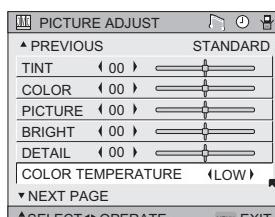
To enter



To set LOW or HIGH



Press the MENU button when finished



# Picture Adjust

## Digital Noise Clear

With digital noise clear, this helps take our static or noise from a channel that may not be coming in clearly.



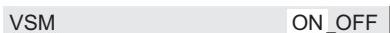
- Press the MENU button
- To DIG. NOISE CLEAR
- To enter
- To select the mode “LOW”, “HIGH” or “OFF”
- Press the MENU button when finished

DIG. NOISE CLEAR
OFF
LOW
HIGH

## (VSM) Velocity Scan Modulation

Velocity scan modulation circuitry varies the electron beam's horizontal scanning speed to help accentuate the differences in picture brightness to sharpen the edges of images.



- Press the MENU button
- To VSM
- To enter
- VSM 
- To turn VSM ON or OFF

PICTURE ADJUST	
▲ PREVIOUS	STANDARD
DIG. NOISE CLEAR	OFF
VSM	
RESET	
▼ NEXT PAGE	
◆ SELECT ◆ OPERATE	
MENU EXIT	

## Reset

Reset resets all picture adjustments (tint, color, picture, bright, detail, color temperature, dig. noise clear and VSM) at once to the default settings.



- Press the MENU button
- To RESET
- To enter
- The onscreen menu disappears for a moment, and then the settings are reset to the default setting for all the picture adjustments.*
- Press the MENU button when finished

PICTURE ADJUST	
▲ PREVIOUS	STANDARD
DIG. NOISE CLEAR	OFF
VSM	
RESET	
▼ NEXT PAGE	
◆ SELECT ◆ OPERATE	
MENU EXIT	

# Sound Adjust

## Sound Settings

These settings allow you to change and adjust the sound on your television.

**BASS** – You can increase or decrease the level of low-frequency sound in the TV's audio with the bass adjustment.

**TREBLE** – Use treble to adjust the level of high-frequency sound in your TV's audio.

**BALANCE** – Adjust the level of sound between the TV's left and right speakers with the balance setting.

## Adjust the Sound Settings



Press the MENU button



To BASS, TREBLE or BALANCE



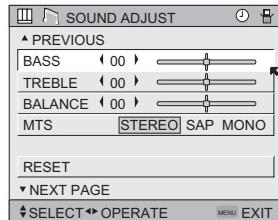
To adjust the setting



To move to the next setting



Press the MENU button when finished



### Note:

- You can reset the sound adjustments (BASS, TREBLE and BALANCE) you set at once as the default setting when you select reset. See page 43.
- You can adjust BALANCE only when A.H.S. is off. See page 50.

## MTS (Multi-Channel Television Sound)

MTS technology allows several audio signals to be broadcast at once, giving you a choice in what you wish to hear with a TV program. In addition to mono or stereo sound, an MTS broadcast may also include a second audio program (SAP).



Press the MENU button



To MTS

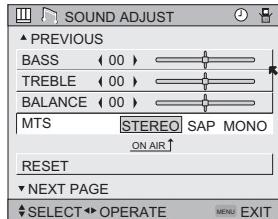


Select the mode

(The ON AIR arrow tells you if a broadcast is in stereo and/or contains an SAP).



Press the MENU button when finished



### Notes:

- Keep the TV in stereo mode to get the best sound quality. The sound will work in stereo mode even if a certain broadcast is in mono sound only.
- Choose the mono setting to reduce excessive noise on a certain channel or broadcast.
- Selecting SAP will allow you to hear an alternative soundtrack, if one is available.
- MTS unavailable if your television's input source is in input 1, 2, 3 or 4 mode, as described on page 49.

## Reset

Reset resets all Sound Adjustments (Bass, Treble and Balance) at once to the default settings. See page 43 on how to use reset.

# Clock/Timers

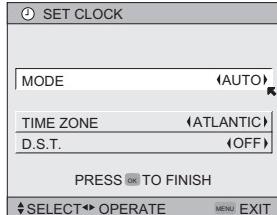
## Set Clock

The set clock function is described on page 20 as the interactive plug-in menu. You can choose to set the clock automatically, or manually. If you need to set the clock again, follow the steps below.

-  Press the MENU button
-  To SET CLOCK
-  To operate

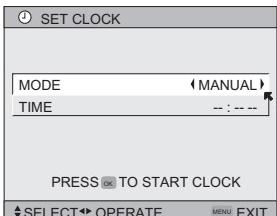
**When you set the clock automatically, choose AUTO by pressing the ◀ or ▶ arrows.**

-  To TIME ZONE
-  To select your time zone
-  ATLANTIC ↔ EASTERN ↔ CENTRAL ↔ MOUNTAIN  
HAWAII ↔ ALASKA ↔ PACIFIC
-  To D.S.T. (daylight savings time)
-  To turn D.S.T. ON or OFF
-  Press OK to finish
-  Press the MENU button when finished



**When you set the clock manually, choose MANUAL by pressing the ◀ or ▶ arrows.**

-  To move to the hour
-  To set the hour
-  To move to minutes
-  To set the minutes
-  Press OK to start clock
-  THANK YOU !!
-  Press the MENU button when finished



# Clock/Timers

## On/Off Timer

The on/off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.



Press the MENU button



To ON/OFF TIMER



To operate (begins with ON TIME)



To set the hour (AM/PM) you want the TV to turn on



To move to minutes



To set the minutes



To accept ON TIME and move to OFF TIME (the time the TV will turn off). Set the OFF TIME the same way as ON TIME



To accept OFF TIME and move to CHANNEL



To select channel



To ON VOLUME



To set the volume level



To move to MODE



Choose ONCE or EVERYDAY



To ON/OFF TIMER



Choose YES to accept the timer setting, choose NO if you don't wish to accept



Press the OK button to finish



Press the MENU button to exit the menu

ON/OFF TIMER	
ON TIME	7:00 PM
OFF TIME	10:00 PM
CHANNEL	03
ON VOLUME	CURRENT
MODE	EVERYDAY
ON/OFF TIMER	NO

PRESS TO FINISH

SELECT OPERATE

MENU EXIT

### Notes:

- The on/off time cannot be set to locked or guarded channels.
- In order for the on/off timer to work, the clock must be set.
- After a power interruption, the timer settings must be reset.

# Button Functions

## Multi Screen Function

PIP displays two separate pictures on screen. Your television has 2-Tuner PIP, meaning you can view pictures from two different channels simultaneously. A special set of PIP control buttons are located on the upper part of the remote control. Descriptions of each button appear on this page.

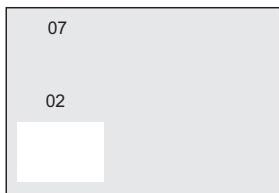
## Cable Box Note:

The 2-Tuner Multi Screen function may not operate when used with certain cable boxes. This is because while some models of cable boxes may receive up to 181 channels, and may only send the signal from one channel to your television. (Please refer to diagram on page 12). For the 2-Tuner Multi screen function to operate correctly, it must have access to all available channels. Since the television is receiving the signal from only one channel from the cable box, it is impossible for the 2-Tuner Multi screen function to display a second, different channel. Because there are many different models of cable boxes in use today, if you are having problems operating your 2-Tuner Multi screen function feature with your cable box, we recommend you contact your local cable company for connection advice.

## PIP/Move

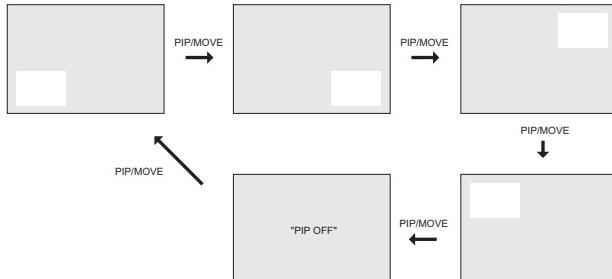


Turn PIP on by pressing the PIP/MOVE button



PIP/MOVE

Each press of PIP/MOVE will shift the PIP window to a different corner and turn off.



### Note:

- You cannot select the component input in the PIP mode. (Except if the input is a 525i component signal).
- When you select the AUTO TUNER SETUP, CHANNEL SUMMARY, V-CHIP, the PIP window turns off.

# Button Functions

## Index

This allows you to quickly look at up to 9 channels at a time so that you can decide which one to watch.

1	2	3
4	5	6
7	8	9

## Notes:

- Only RF input signal will be displayed.
- You can watch the channel added in channel summary. See page 30.

## Freeze

Use the FREEZE button to lock a single, still image onto the PIP window.

- If PIP is off when FREEZE is pressed, a snapshot of the main screen is taken and placed in the PIP window.
- If PIP is on when FREEZE is pressed, the PIP window turns to blue and the image in the PIP window will freeze.

## Swap

You can exchange the channel displayed on the main screen for the one shown in the PIP window by pressing SWAP.

## Select

With SELECT, you can select the picture (channel) while viewing PIP screen. When you press SELECT button, the channel number on the top will be highlighted. Each press of SELECT will shift the channel.

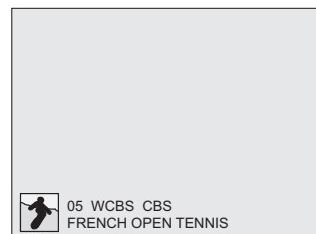
## EZ-Surf

EZ-Surf allows you to surf all the available channels so that you don't have to change your current program to see what else is on TV.



Press the EZ SURF button.

- When you press the EZ SURF button, it will scan through all the channels you can receive, and display the channel information on the lower of the TV screen.



# Button Functions

## Power

Turns the TV on or off.



Press the POWER button

## Number Buttons - 10Key Pad

Use the number buttons on the remote control to move directly to a specific channel. For example, to move to channel 7:



0 (Zero)



7 (Seven)

## 100+ Button

Use the 100+ button to directly access channels above channel 99. For example, to move to channel 124, press 100+, 2 (Two), 4 (Four).

## Channel +/–

Use these buttons to move up or down all the available channels your TV is able to receive.

## Volume +/–

Use these buttons to raise or lower the TV's volume level.

## Input

Selects the signal input source for the television: Input-1, 2, 3 or 4 for video devices like VCR's, DVD players, or camcorders.



INPUT 1, 2, 3, 4

### Note:

- When you return to TV mode, press the RETURN +/Tv button or direct 10 key pad.
- You can also access the FRONT CONTROL PANEL screen by using the MENU button on the front of the TV instead of the remote control. It appears between INITIAL SETUP and PICTURE ADJUST screen, and it has INPUT menu. Choose INPUT by pressing MENU ▼ on the front panel and choose input by using the CHANNEL +/- buttons (◀ OPERATE ▶ ).

## Digital-In

Use this button to directly select the digital-in input.



Press the DIGITAL-IN button

## Light

Your remote control includes illuminated buttons for key features like channel +/– and Volume +/–. Press the light button to turn the illumination on for 5 seconds.

# Button Functions

## Return +/TV

The return+/TV button has three functions:

**Return** - Returns to the channel viewed just before the channel currently onscreen.

**Return+** - Lets you program a specific channel to return to while scanning through the channels using the CH+ and CH- buttons.

**TV** - Returns to the TV mode.



RETURN+/Tv and hold for three seconds

RETURN CHANNEL  
PROGRAMMED!

The channel currently active has been programmed as your return+ channel. Now scan through the channels using the CHANNEL+/- buttons.



RETURN+/Tv

You will return to your programmed channel.

- To cancel your return+ channel, press and hold the RETURN+ button for three seconds. The message "RETURN CHANNEL CANCELLED!" will appear.
- Return+ works only with the Channel+/- buttons. Pressing any number key will cancel return+.

## Sound

By pressing the sound button, you can change the A.H.S. (Advanced Hyper Surround) mode and BBE on or off.

**A.H.S.** - Adds a more spacious surround sound. Music gives basic effect and movie for more effect.

**BBE** - BBE high definition audio adds natural, clear and extraordinary sound quality to any program.



Press the SOUND button



To select A.H.S. or BBE



To choose the setting



Press the MENU when finished

SOUND EFFECT		
A.H.S	MOVIE	MUSIC OFF
BBE	ON	OFF
<small>SELECT OPERATE MENU EXIT</small>		

**Note:** BBE is a registered trademark of BBE Sound, Inc. For U.S., licensed from BBE Sound, Inc. under USP 4638258, 4482866 and 5510572. For Canada, licensed from BBE Sound, Inc. BBE is a registered trademark of BBE Sound, Inc.

## Muting

The MUTING button instantly turns the volume down completely when you press it. Press MUTING and the volume level will instantly go to zero. To restore the volume to its previous level, press MUTING again.

# Button Functions

## Video Status

The video status button gives you a choice of four TV picture display settings, including a display of your own preferences.

**Standard** - Resets the picture display to the factory settings.

**Dynamic** - Gives a vivid picture with better contrast when viewing in a brightly lit room.

**Theater** - Gives a rich, film-like look to video when viewing in a dimly lit room.

**Game** - Used for when you are playing video games connected to your TV.

VIDEO STATUS
STANDARD
DYNAMIC
THEATER
GAME

 Press the VIDEO STATUS button  
*By every press of the VIDEO STATUS button, you change the mode.*

**Note:** You can also change the mode by pressing the ▲▼ buttons.

## Natural Cinema

Natural cinema corrects the problem of blurred edges which may occur when viewing a program originally shot on film (such as motion pictures) or animation. If you notice blurring at the edges of these programs, press NATURAL CINEMA and set it to AUTO. Natural Cinema helps correct conversion errors that occur when film, which is shot at 24 frames-per-second, is broadcast at the television rate of 30 frames-per-second.

 Press the NATURAL CINEMA button

NATURAL CINEMA
AUTO
ON
OFF

**Notes:** The natural cinema mode "ON" is automatically set to "AUTO" in the following cases:

- Turning on or off
- Changing the channel or input mode
- Using multi-screen functions

## TheaterPro D6500K

The TheaterPro D6500K color temperature technology function makes sure that the video you watch is set to the standard color temperature, so that what you see is as true to what the film to video editors intended it to be.

 Press the THEATERPRO button

# Button Functions

## Sleep Timer

The Sleep Timer can turn the TV off for you after you fall asleep. Program it to work in intervals of 15 minutes, for a total time of up to 180 minutes.



Press the SLEEP TIMER button

→ 0 15 30 45 60 75 90 105 120 135 150 165 180 →

### Sleep Timer Message

1 minute before the automatic shutoff, this message will appear:

GOOD NIGHT!!  
PUSH SLEEP TIMER BUTTON  
TO EXTEND

You then have 1 minute to press the SLEEP TIMER button to delay the shut off for another 15 minutes.

## Display

The display screen shows the current status of timers, inputs, and XDS ID.



Press the DISPLAY button

The screen to the right shows the following information:

- The current channel or AV input (Channel 05)
- The current time (12:20 pm)
- Sleep timer status/minutes remaining (The Sleep Timer is off)
- On/off timer status (Set to turn on everyday at 7:00 PM, off at 10:00 PM)
- Each Press of the DISPLAY button changes the display mode:

05 KLVX PBS	
JAZZ FESTIVAL	
NOW	12:20 PM
SLEEP TIMER	OFF
ON/OFF TIMER	EVERYDAY
ON TIME	7:00 PM
OFF TIME	10:00 PM

→ Display → Time → Channel → Off →

**Display** - Full screen shown above

**Time** - Shows the current time only

**Channel** - Shows the current channel

**Off** - Turns display off

### Notes:

- You may also turn off the display at any step by pressing MENU.
- If the clock, sleep timer or on/off timer are not set, the display screen will show: "CLOCK NOT SET", "SLEEP TIMER OFF", and "ON/OFF TIMER OFF" respectively.

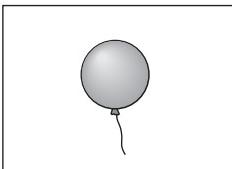
# Button Functions

## Aspect

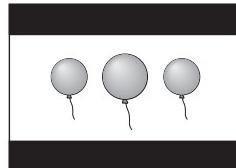
This feature will help you adjust the picture you are watching to give you the best possible picture quality.

## Aspect Ratios

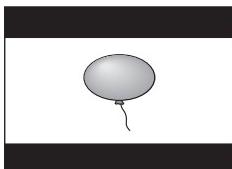
**4:3** - Use this aspect mode when you are watching a 4:3 broadcast.



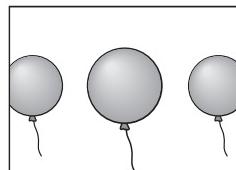
**16:9** - Use this aspect mode when you are watching a 16:9 broadcast. This is also referred to as "widescreen", for example on a DVD disc. When you select this mode, black bars will appear on the top and bottom of the TV screen.



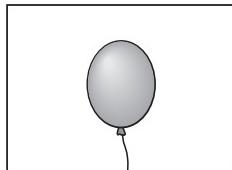
**16:9** - If you select 16:9 aspect mode while watching a 4:3 broadcast, this will stretch the picture so as to fit into the 16:9 format. When you select this mode, black bars will appear on the top and bottom of the TV screen.



**HD ZOOM** - If you are watching a 4:3 high definition broadcast and you select this aspect mode, it will zoom in on the picture.



**V STRETCH** - If you are watching a 4:3 broadcast, this aspect mode will stretch the picture vertically on your TV



# Button Functions

## Aspect Ratios (Continued)



Press the ASPECT button

- *By pressing the ASPECT button, you can change the size.*

When you change the aspect ratios, it is different from their broadcast or recorded program.

NTSC, 480i, 480p  
(Including signals from the  
DIGITAL-IN)

ASPECT
4:3
16:9
V STRETCH

1080i, 720p  
(Including signals from the  
DIGITAL-IN)

ASPECT
16:9
HD ZOOM

## Notes:

- You can also choose the size by pressing the **▲▼** buttons.
- When you change the aspect ratio or signal, reset the picture position to center.

## C.C. (Closed Caption)

Use the C.C. (Closed Caption) button to select the mode of closed caption.



Press the C.C. button

CLOSED CAPTION
OFF
CAPTION
TEXT

- See page 37 when you set the caption/text mode.

## Menu

The MENU button allows you to access JVC's onscreen menu system. Press MENU to activate the onscreen menu system.

- See individual topics like "Sound Adjust" for specific information on using menus.

## OK

This button confirms your selection when you are in one of the onscreen menus.

## Back

This button allows you to go back in the menu to change a selection or correct a mistake.

# Button Functions

## TV/CATV Slide Switch

Use either the television's own tuner or a cable box to select channels. Set this switch to **TV** to operate the television's built-in tuner. Move the switch to **CATV** to operate a cable box.

### Notes:

- See page 22 for information on programming your remote for cable box operation.

## VCR/DVD Slide Switch

You can control a VCR or DVD player with the buttons on the lower part of the remote control. Move the slide switch to **VCR** or **DVD** to operate.

### Notes:

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 23.
- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 24.

## VCR Buttons

You can use this remote control to operate the basic functions of your VCR. These functions include: play, record, rewind, fast-forward, stop, pause, channel scan, TV/VCR, power on, and power off.

Move the selector switch to **VCR** to operate.

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 23.

## DVD Buttons

You can also use this remote control to operate the basic functions of your DVD player. These functions include: play, rewind, fast-forward, stop, still/pause, previous/next, tray open/close, power on, and power off.

Move the selector switch to **DVD** to operate.

- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 24.

# Troubleshooting

PROBLEMS	CHECK
There is no power	<ul style="list-style-type: none"><li>• See if the power cord became unplugged.</li><li>• Check for a blown fuse or circuit breaker or a power outage.</li></ul>
There is no picture or sound	<ul style="list-style-type: none"><li>• The antenna could be disconnected.</li><li>• The input mode could be set improperly. See page 49.</li><li>• The tuner (Auto Tuner Setup) could be set improperly. See page 29.</li><li>• The TV station may be having difficulties. Check to see if other stations are working.</li></ul>
Remote control is not operating properly or at all	<ul style="list-style-type: none"><li>• Check to see that the batteries are still working and properly installed.</li><li>• Make sure the remote has a clear sight path to the TV.</li><li>• Check that the TV/CATV switch is in the proper position.</li><li>• You may be too far from the TV. You must be within 23 feet (7 meters).</li></ul>
You cannot select a certain channel	<ul style="list-style-type: none"><li>• Make sure the channels have been programmed. See "Channel Summary", page 29.</li><li>• Check to see if the channel is locked. See "Channel Summary - Lock" page 30.</li></ul>
The power turns off by itself	<ul style="list-style-type: none"><li>• Make sure the set did not become unplugged.</li><li>• Perhaps the On/Off Timer is set. See page 46.</li><li>• Check to see if the Sleep Timer was set. See page 52.</li></ul>
The clock is wrong	<ul style="list-style-type: none"><li>• The power was interrupted and the clock was not reset. See page 45.</li></ul>
The color quality is poor	<ul style="list-style-type: none"><li>• Tint and Color may be improperly adjusted. See page 42.</li><li>• The Video Status mode may be turned to the wrong setting. See page 51.</li></ul>
There are lines across the picture	<ul style="list-style-type: none"><li>• There could be interference from another electrical appliance, such as a computer, another TV or VCR. Move any such appliances further away from the TV.</li></ul>
The picture is spotted	<ul style="list-style-type: none"><li>• There could be interference from a high-wattage appliance, like a hairdryer or vacuum, operating nearby. Move the antenna away from the appliance or change to a coaxial cable connection which is less prone to interference.</li></ul>
There are double pictures (ghosts)	<ul style="list-style-type: none"><li>• A building or passing airplane can reflect the original signal and produce a second, slightly delayed one. Adjust your antenna position.</li></ul>
Picture is snowy (image noise)	<ul style="list-style-type: none"><li>• Your antenna may be damaged, disconnected or turned. Check the antenna connection. If the antenna is damaged, replace it.</li></ul>
Screen is 40% black	<ul style="list-style-type: none"><li>• The Closed Caption Text mode is on. Turn it off in the Closed Caption Menu, page 37.</li></ul>
Stereo or bilingual programs can't be heard	<ul style="list-style-type: none"><li>• Make sure the MTS settings are correct. See "MTS" on page 44.</li></ul>
There is no sound from the TV's speaker	<ul style="list-style-type: none"><li>• The Center CH Input may be turned on. See page 41.</li></ul>
Static electricity	<ul style="list-style-type: none"><li>• It is normal to feel static electricity if you brush or touch the screen.</li></ul>
You hear occasional crackling sounds	<ul style="list-style-type: none"><li>• It is normal for the TV to make crackling sounds when first turned on or off. Unless the sound or picture become abnormal, this is fine.</li></ul>

For Canadian model televisions, see the separate sheet for Canadian Warranty information.

JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original retail purchase for the period shown below (the "Warranty Period") (PICTURE TUBE is covered for Two (2) years.)

Parts	Labor
1 YEAR	1 YEAR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND COMMONWEALTH OF PUERTO RICO.

**WHAT WE WILL DO:**

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during regular business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of this Warranty Period. All products and parts thereof may be brought to a JVC authorized service center on a carry-in basis. Televisions with a screen size of 25 inches and larger may be covered on an in-home basis where such service is available.

**WHAT YOU MUST DO FOR WARRANTY SERVICE:**

To determine if in-home service is available in your area, either contact the selling dealer (retailer) or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <http://www.jvcservice.com>. In-home service, if available, will require clear access to the Television by the service representatives. If in-home service is not available, carry in service will be provided.

If service is not locally available, box the product carefully, preferably in its original carton, and ship, insured, with a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location which will be given to you by the toll free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

**WHAT IS NOT COVERED:**

This limited warranty provided by JVC does not cover:

- 1) Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
- 2) Initial installation, installation and removal from "built-in" entertainment centers and other mounting systems;
- 3) Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
- 4) Damage that occurs in shipment, due to an act of God, and cosmetic damage;
- 5) Signal reception problems and failures due to line power surge;
- 6) Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase;

- 7) Accessories;
- 8) Batteries (except that Rechargeable Batteries are covered for 90 days from date of purchase.)

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long the warranty lasts, so these exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary state to state.

**JVC COMPANY OF AMERICA**  
DIVISION OF JVC AMERICAS CORP.

<http://www.jvcservice.com>

1700 Valley Road  
Wayne, New Jersey 07470

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY. THIS WARRANTY DOES NOT APPLY FOR DETAILS OF REFURBISHED PRODUCT WARRANTY.  
PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

**For customer use:**

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.

Retain this information for future reference.

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Name Of Dealer: \_\_\_\_\_

# Authorized Service Centers

QUALITY **JVC**<sup>®</sup> SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

**TOLL FREE: 1 (800) 537-5722**

**<http://www.jvc.com>**

Dear Customer,

In order to receive the most satisfaction from your purchase, please read the instruction booklet before operating the unit. In the event that repairs are necessary, call our Customer Relations Department at 1-800-537-5722 or visit our website at **[www.JVC.com](http://www.JVC.com)**

Remember to retain your Bill of Sale for Warranty Service.

---

**Don't service the television yourself**

---

#### **Caution**

To prevent electrical shock, do not open the cabinet. There are no user serviceable parts inside. Please refer to qualified service personnel for repairs.

#### **Accessories**

To purchase accessories for your JVC product, please call toll free: 1 (800) 882-2345 or on the web at **[www.JVC.com](http://www.JVC.com)**

# Specifications

MODEL	AV-36DF74	AV-32DF74
Reception Format	NTSC, BTSC System (Multi-Channel Sound) 1080i DTV digital broadcast ready	
Reception Range	VHF 2 to 13, UHF 14 to 69 Sub Mid, Mid, Super, Hyper and Ultra bands (181 channel frequency synthesizer system)	
Power Source	AC 120V, 60Hz	
Power Consumption	215W	
Screen Size	36 inch / 90 cm measured diagonally full square	32 inch / 80 cm measured diagonally full square
Audio Output	10W + 10W	
Speakers	2 1/2 x 5 inch / 6.5 x 13 cm oval x 2	
Antenna Terminal	75 ohms (VHF/UHF) (F-type connector)	
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500mVrms (-4dBs) high impedance	
S-Video Input Jack	Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms	
Component Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) PB/PR: 0.7 Vp-p, 75 ohms	
Audio Output Jacks (VARI/FIX)	VARI: More than 0 to 1000mVrms (+2.2dBs) FIX 500 mVrms (-4dBs) Low impedance (400 Hz when modulated 100%)	
Subwoofer Output Jack	More than 0 to 1000mVrms (+2.2 dBs) Low impedance (100 Hz when modulated 100%)	
AV Compu Link III Jack	3.5 mm mini jack x 1	
Digital-In	DVI-D Single Link 19 pin Note: The Digital-In terminal is not compatible with picture signals of a personal computer	
Dimensions (In) WxHxD (cm)	40 3/8 x 29 7/8 x 24 1/4 102.3 x 75.6 x 61.3	37 x 27 x 22 1/2 93.9 x 68.5 x 57
Weight (lbs / kg)	195.8 / 89	147.4 / 67
Accessories	Remote control unit x 1 / AA batteries x 2	

Specifications subject to change without notice.

**JVC COMPANY OF AMERICA**  
 Division of JVC Americas Corp.  
 1700 Valley Road  
 Wayne, New Jersey, 07470



**JVC CANADA, INC.**  
 21 Finchdene Square  
 Scarborough, Ontario  
 Canada, M1X 1A7